

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		DATE: June 21, 2000  EXPRESS MAIL LABEL NO. EL496185049US  ATTORNEY DOCKET NO. 39629/DBP  U.S. APPLICATION NO. <b>09/582175</b> Be Assisted
INTERNATIONAL APPLICATION NO <b>PCT/IB98/01039</b>	INTERNATIONAL FILING DATE <b>7. July.1998</b>	PRIORITY DATE CLAIMED <b>23.December.1997</b>
TITLE OF INVENTION <b>ION EXCHANGE SYSTEM USING U-TUBE PRINCIPLE</b>		
APPLICANT(S) FOR DO/EO/US <b>Arianto Darmawan</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO, EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO-LUS). 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).  7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.  8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items below concern other document(s) or other information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Small entity claim with a copy of this transmittal letter attached. 17. <input checked="" type="checkbox"/> International search report. 18. <input checked="" type="checkbox"/> International preliminary examination report. 19. <input checked="" type="checkbox"/> Extra set of Drawings. 20. <input checked="" type="checkbox"/> Letter Regarding Typographical Error 21. <input type="checkbox"/>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <b>To Be Assigned</b> <span style="font-size: 1.5em; font-weight: bold;">09/582175</span>		INTERNATIONAL APPLICATION NO. <b>PCT/IB98/01039</b>		ATTORNEY DOCKET NO. <b>39629/DBP</b>	
<input checked="" type="checkbox"/> The following fees are submitted: (see Note (1) below) <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO ..... <b>\$ 840.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... <b>\$ 670.00</b> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... <b>\$ 690.00</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$ 970.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... <b>\$ 96.00</b> <div style="text-align: right; margin-top: 10px;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<b>CALCULATIONS</b> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
Surcharge of <b>\$130</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
<b>Claims</b>	<b>Number Filed</b>	<b>Number Extra</b>	<b>Rate</b>		
Total Claims	5 -20=	0	X \$18	\$	0.00
Independent Claims	2 -3=	0	X \$78	\$	0.00
Multiple dependent claim(s) (if applicable)			+ \$260	\$	0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	840.00
Reduction by 1/2 for filing by small entity, if applicable. Verified Small entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$	420.00
<b>SUBTOTAL =</b>				\$	420.00
Processing fee of <b>\$130</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	420.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$	0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	420.00
<b>Note (1): The basic national fee must be paid when filing this application. The 20-month time limit (37 CFR § 1.494) and 30-month time limit (37 CFR § 1.495) are not extendable.</b>				Amount to be: refunded \$ charged \$	
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>420.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1728</u>. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE (2): Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p><b>D. Bruce Prout</b>  <b>CHRISTIE, PARKER &amp; HALE</b>  <b>P.O. Box 7068</b>  <b>Pasadena, CA 91109-7068</b></p> </div> <div style="width: 45%; text-align: right;"> <p>By _____  <b>D. Bruce Prout</b>  <b>Reg. No. 20,958</b></p> </div> </div>					

09/582175

534 Rec'd PCT/PTT PATENT  
21 JUN 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*This paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR § 1.10 Mailing Label No. EL496185049US.*

Applicant : Arianto Darmawan  
Application No. : To Be Assigned  
Filed : June 21, 2000  
Title : ION EXCHANGE SYSTEMS USING U-TUBE  
PRINCIPLE  
Grp./Div. : To Be Determined  
Examiner : To Be Determined  
Docket No. : 39629/DBP/R130

LETTER REGARDING TYPOGRAPHICAL ERROR

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
March 2, 2000

Commissioner:

The Declaration and Power of Attorney indicates that applicant claims the benefit under Title 35 U.S.C. Section 119(e) of any U.S. provisional application and enters thereunder the Prior Foreign Application P-973593. There is no claim of any U.S. provisional application.

This obvious typographical error is not considered material not in need of correction.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By

D. Bruce Prout  
Reg. No. 20,958  
626/795-9900

DBP/sfc